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2407 River Drive ♦ Knoxville, TN 37996 ♦ (865) 974-VETS URL: ♦ web site: <http://www.vet.utk.edu>

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**Video:** <http://digitalmedia.utk.edu:8080/ramgen/6407.rm>

**Institute:** [UT College of Veterinary Medicine](http://www.vet.utk.edu), Knoxville, TN

**Duff's Owner:** Janet Prince

**Narrator:** Sandra Harbison, UT College of Veterinary Medicine

**Doctor:** Dr. Bill Adams, UT College of Veterinary Medicine

## PET CANCER TREATMENTS TRANSCRIPT

When Janet Prince learned Duff, one of her West Highland Terriers had a brain tumor, she began asking advice and searching the web.

The search, along with UT's reputation, brought her from her home in Annapolis, Maryland to Knoxville, Tennessee.

"Who's here? Let's go see. There's our buddy. Good morning, Misty." "Everybody got lots of hugs?" Today Duff is at the University of Tennessee, College of Veterinary Medicine for the last of his 25 radiation treatments to treat his brain tumor.

Janet Prince

"Before we came here, his options weren't very hopeful."

Sandra Harbison

"Before entering this room, "team effort" is the motto. Neurologists, Radiology Oncologists and technicians all working the same game plan. And the owner is an integral part of that plan."

Dr. Bill Adams

"For an owner for one to agree to a financial investment, we're talking somewhere on the order of 2-4 thousand dollars to treat animals. We certainly have to have an owner who recognizes that their animal is going to be going through about five weeks of the treatments - be away from home for a substantial amount of time. An animal who's going to be going through anesthesia on a daily basis. Most owners come to us with trepidation, looking at expense, potential trauma to the pet. Almost universally at the end of the treatment, they owners are happy they've gone through the treatment."

Duff's case mirrors the typical radiation protocol. Technicians sedate Duff and then carefully position him on the treatment couch. Using a laser system, the technician pinpoints the exact location of the tumor. The room is cleared and the dose of radiation administered. In order to maximize the dose to the tumor and minimize the dose to the rest of the brain, Duff received radiation from four different angles.

Janet Prince

"Five weeks of radiation. Can you believe that?"

Dr. Bill Adams

"The nice thing about being a therapeutic radiologist, you also get personal satisfaction of seeing what you do actually improve patients."

“It’s a miracle seeing him so healthy now because he was having seizures, sight problems and now he’s absolutely normal and as soon as he gets his hair back, he’s going to be dashing again.”  
In Knoxville, Tennessee, Sandra Harbison reporting.  
We’re happy to tell you that Duff got a “thumbs up” report on his recent three month check-up at the UT Vet school.

For more information about the school’s radiology department, log go to  
<http://www.vet.utk.edu/radiology/>